

Bay Area Air Quality Management District



LEA CIWMB CONFERENCE
August 2, 2006

9 Bay Area Counties

- **Western Solano**

- **Alameda**

- **Contra Costa**

- **Marin**

- **Napa**

- **Santa Clara**

- **San Francisco**

- **San Mateo**

- **Southern Sonoma**



Summary of Bay Area Landfill Locations

	<i>Alameda</i>	<i>Contra Costa</i>	<i>Marin</i>	<i>Napa</i>	<i>San Francisco</i>	<i>San Mateo</i>	<i>Santa Clara</i>	<i>Solano</i>	<i>Sonoma</i>
Active Landfills	3	3	1	0	0	2	8	1	1
Closed Inactive	5	1	0	1	0	3	6	0	0
Total Sites	8	4	1	1	0	5	14	1	1
Title V Sites	3	3	1	1	0	2	8	1	1

REGULATORY AUTHORITY

USEPA & CARB delegate
compliance with federal and state
air quality regulations to local air
districts

BAAQMD REGULATIONS

Subject to Solid Waste Disposal Sites

- Reg 1 General req. Public Nuisance
- Reg 2 Rule 1 Permits & (Title V)
- Reg 6 Visible Emissions (dust/smoke)
- Reg 7 Odorous Substances
- Reg 8 Rule 34 Solid Waste Disposal Site
- Reg 8 Rule 40 Contaminated Soil Aeration

BAAQMD REGULATIONS

Subject to Composting Operations

- Reg 2 Rule 1 Permits & Title V
- Reg 6 Visible Emissions

ODOR COMPLAINTS

Site Name	2000	2001	2002	2003	2004	2005
<i>Redwood landfill</i>	2	1	0	7	1	1
<i>Acme Fill Corp</i>	0	0	1	0	0	3
<i>West CC Co Landfill</i>	0	0	0	0	1	0
<i>Potrero Hills Landfill</i>	1	2	1	64 (4)	26	33
<i>Sonoma</i>	14 (2)	17 (6)	51 (4)	31 (2)	21	4
<i>Guadalupe</i>	1	0	6 (1)	0	0	0
<i>Keller Canyon</i>	1	0	0	0	4	38 (8)
<i>Int'l Disposal Corp</i>	0	0	4	14 (1)	0	9 (5)
<i>Napa-Vallejo Waste Mgt</i>	1	0	0	0	0	0
Total	20	20	63	116	53	88

DUST COMPLAINTS

Site Name	2000	2001	2002	2003	2004	2005
<i>Zanker Rd Mat.</i>	0	0	0	1	0	0
<i>Potrero HillsLand dfill</i>	1	0	0	1	2	3 (1)
<i>Sonoma</i>	0	2	2	0	0	0
<i>Brisbane Landfill</i>					1 (1)	
Total	1	2	2	2	3	3

Public Nuisance and Odor Complaint Policy



Unique Nature of Odor Enforcement

- “Considerable Number of People” Not Clearly Defined
- Most Odorous Materials Are Not Chemically Identifiable or Quantifiable
- Persons Perceive and Describe Odors Differently

COMPLAINT RESPONSE

- 3201 Complaints received 2005
- Most are Related to Odor
- Complaints received 24 / 7
- Every Complaint is Investigated

1-800-334-ODOR (6367)

COMPLAINT PROCEDURES

- Dispatched Within 15 Minutes
- Public nuisance investigations
- Conduct inspections of facilities
- Ambient Air sampling
- Public education

COMPLAINT PROCEDURES

- Complainant Identity is Confidential
- In person Confirmation
- Enforcement if Violations are Documented
- After Hour Call Outs For Special Cases:
1 call from a Public Official (Fire, Police etc.) or 3 complainants alleging the same source

FIELD INVESTIGATION

To establish a complaint confirmation, the party responsible for the release of an air contaminant, or for failing to follow a regulatory requirement must be established

COMPLAINT CONFIRMATION STATUS

A confirmed complaint means that either an inspector, or a complainant must be able to establish that an operation is the source of the odor. This confirmation includes: detecting the air contaminate and tracing it to a source

Confirmation may be accomplished in three different ways:

- In person with the complainant
- Declaration, unable to meet in person but within 60 minutes detect the odor and complainant completes a Declaration form
- Other Evidence, analysis of samples, recording chart data, other public agency observations



PUBLIC NUISANCE

Health and Safety Code 41700

BAAQMD Regulation 1-301

- Based on 5 Confirmed Complaints
- Based on Incidents With Significant Impact on the Public
- Odor, Smoke, Dust, etc..

PUBLIC NUISANCE

Health and Safety Code 41700

- Business or Property Damage
- One Confirmed Complaint
- Property Damage Must Be Verified By Documented Loss

H&SC 41705

- *Requires all complaints alleging compost to be reported to the LEA having jurisdiction.*
- *District Inspector will investigate complaints and notify LEA.*
- *Most compost operations are co-located in areas with other odor sources such as landfills.*
- *District does not have Public Nuisance enforcement authority for composting operations.*

Regulation 7

Odorous Substances

- Limits odorous substances emitted off property
- 10 different alleged citizen complaints within a 90 day period trigger the regulation
- Formally notified via letter that the facility is subject to the regulation

Regulation 7

Odor Bag Sampling

- Odor bags may be taken after an alleged complaint up to 72-hours
- Odor bags are taken off property
- Odor bags are tested by an odor panel
- Samples are diluted and presented to a panel of three individuals

Regulation 8-34

- Requires landfill gas collection and an emission control system
- Limits equipment leaks to 1000 ppm
- Limits landfill surface leaks to 500 ppm

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